

NOTES :-
REFER SHEET NO. -1 OF 4

SPECIAL NOTES:
THIS STRUCTURAL DRAWING IS VALID IF THE CONSTRUCTION IS DONE USING AAC BLOCKS FOLLOWING PROPER DIMENSION OF EXTERNAL AND INTERNAL WALLS AS PER ARCHITECTURAL DRAWING.

TITLE
PROPOSED STRUCTURAL DRAWINGS FOR FIVE (G+4) STORED RESIDENTIAL APARTMENT OF M.R DEVELOPER . OVER, PLOT DETAILS /ADDRESS : PLOT NO- [1654(R.S.) & 2425/3280(L.R.); SUB PLOT NO 37(P) J.L. NO-91, MOUZA:-ARRAH, DGP-713212 P.S.- KANKSA, UNDER MOLANDIGHI GRAM PANCHAYET, DIST. -PASHCHIM BURDWAN.

LAND OWNER : SMT. DULALI SUR

CERTIFICATE OF ARCHITECT
I DO HEREBY CONFIRM AND CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN PREPARED BY ME KEEPING THE PROVISION OF NBC OF INDIA AND CERTIFY THAT IT IS SAFE & STABLE IN ALL RESPECT.

ANIRBAAN BHATTACHARYA
(LICENSE NO - CA/2014/62790)

JUI CHATTERJEE
Lic.No.DMC/BPD - 25
(LICENSE NO - DMC/BPD/25)
SIG. OF ARCHITECT/ENGINEER

SIGNATURE OF GEOTECHNICAL ENGINEER

THIS IS TO CERTIFY THAT THE SOIL TEST HAS BEEN PERFORMED BY ME FOR THIS PROJECT

ASIM SARKAR
BCE, ME (SOIL), MIGS
EMPAANELLED GEOTECHNICAL ENGINEER
K.M.C. No.:CLASS-I/2

CERTIFICATE OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME. CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

Soumyadip Dutta 16/01/19
SOUMYADIP DUTTA
B.TECH (WBUT)
CIVIL ENGINEER, NKDA
LICENCE NO.- CVER/NKDA/10/00174

Sanjoy Das Neogi 19/8/18
Sanjoy Das Neogi
Asst. Prof. Meghnad Saha Inst. of Tech.
BE (JU), ME (Structure, JU), MIE
Reg.- ESE/1/223 of KMC
Chartered Engineer
Jadavpur, Kol-32
Mob.- 9831532846

SIGNATURE OF THE VETTING AUTHORITY
CHECKED & VETTED

DR. DIPANKAR CHAKRABORTY
STRUCTURAL ENGINEERING DIVISION
PROFESSOR & HEAD CIVIL ENGINEERING DEPARTMENT
JADAVPUR UNIVERSITY
FIE, ESE-1(KMC), STRUCTURAL REVIEWER (KMC)
B. E. (J.U.) GOLD MEDALIST
M. TECH (IITKGP) GOLD MEDALIST
PH.D (IIT KGP)
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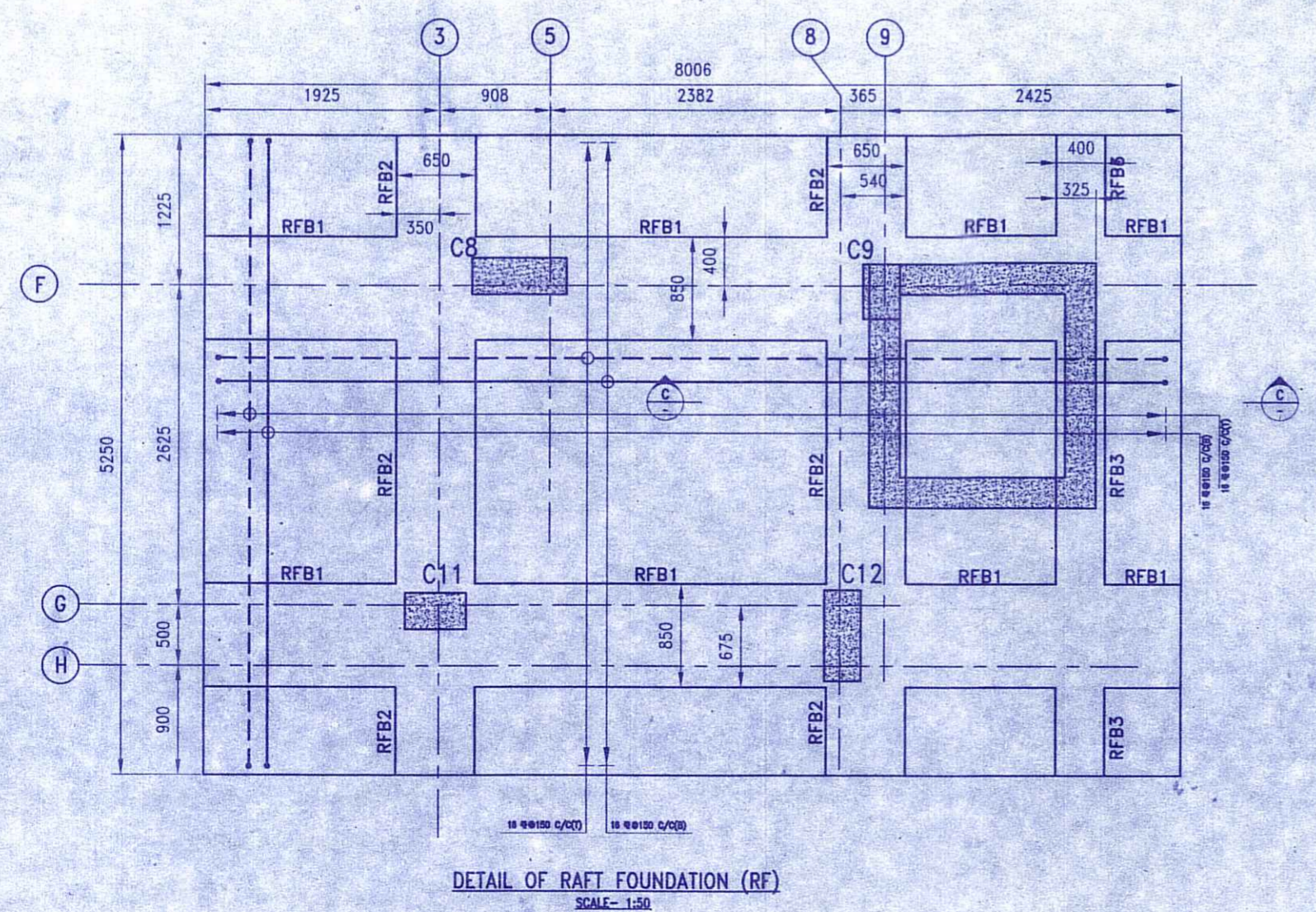
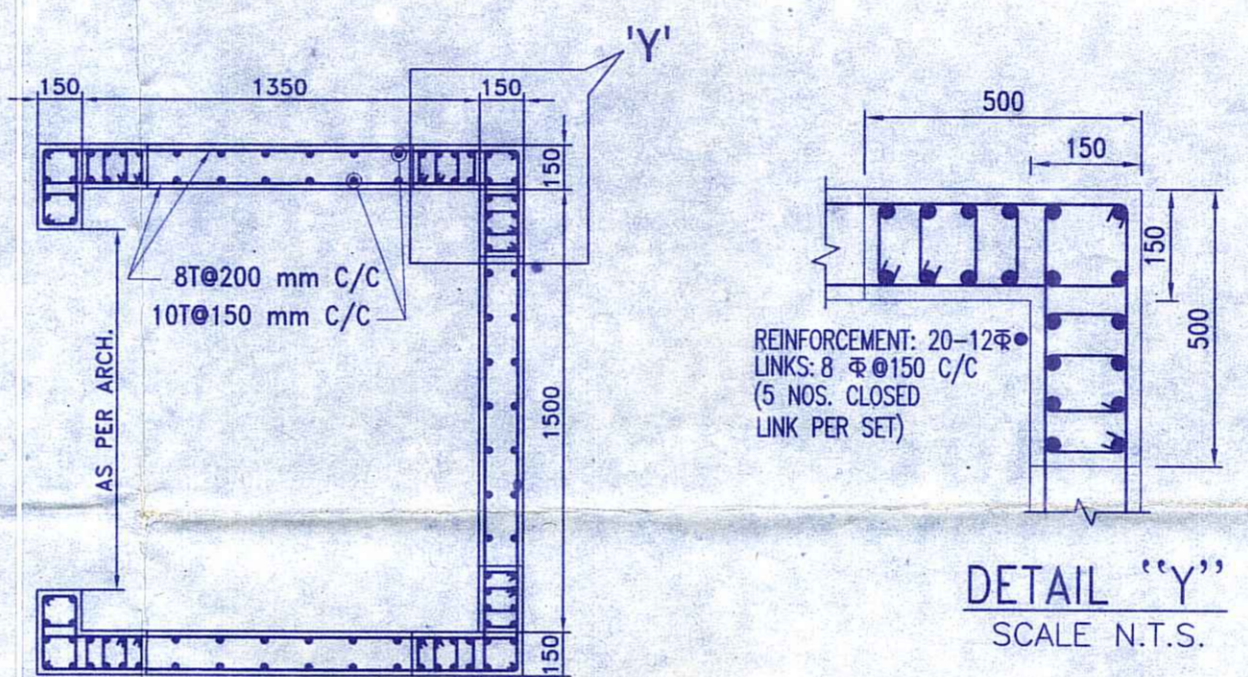
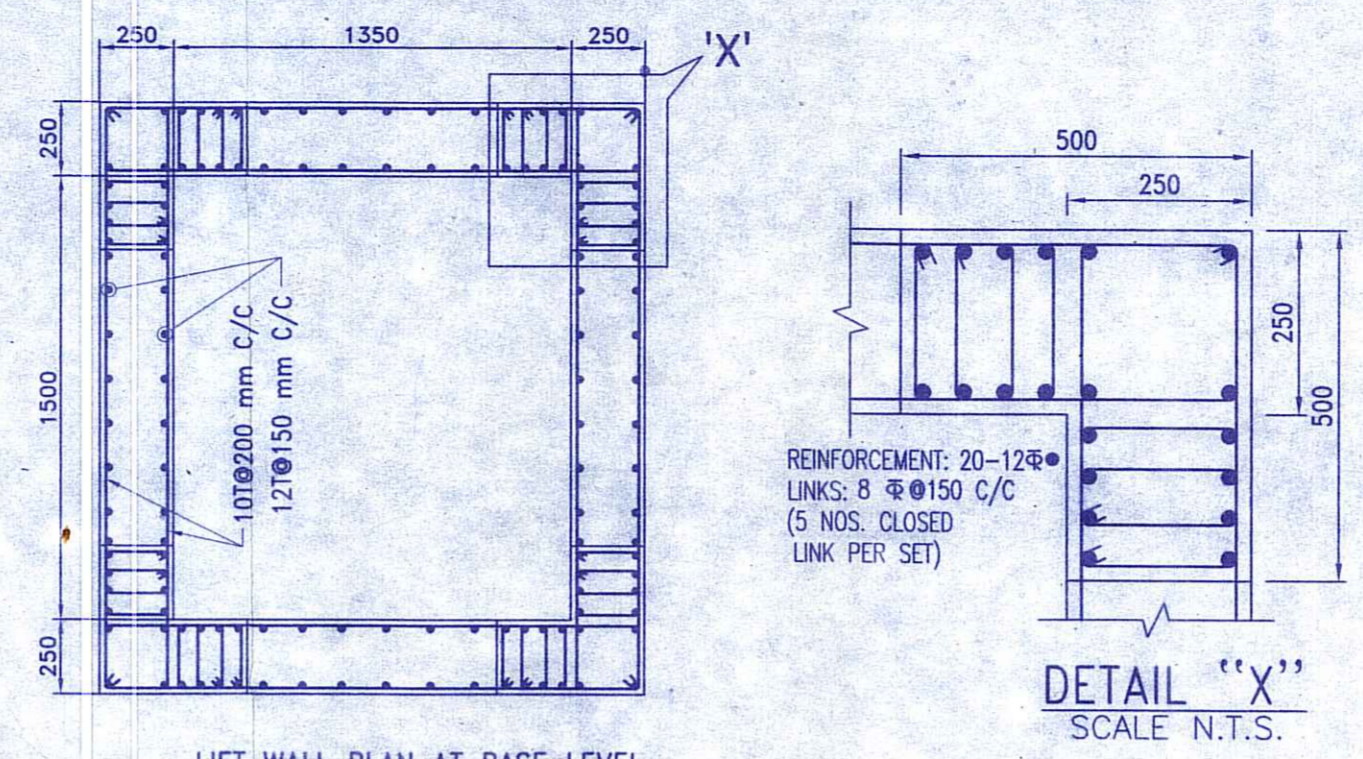
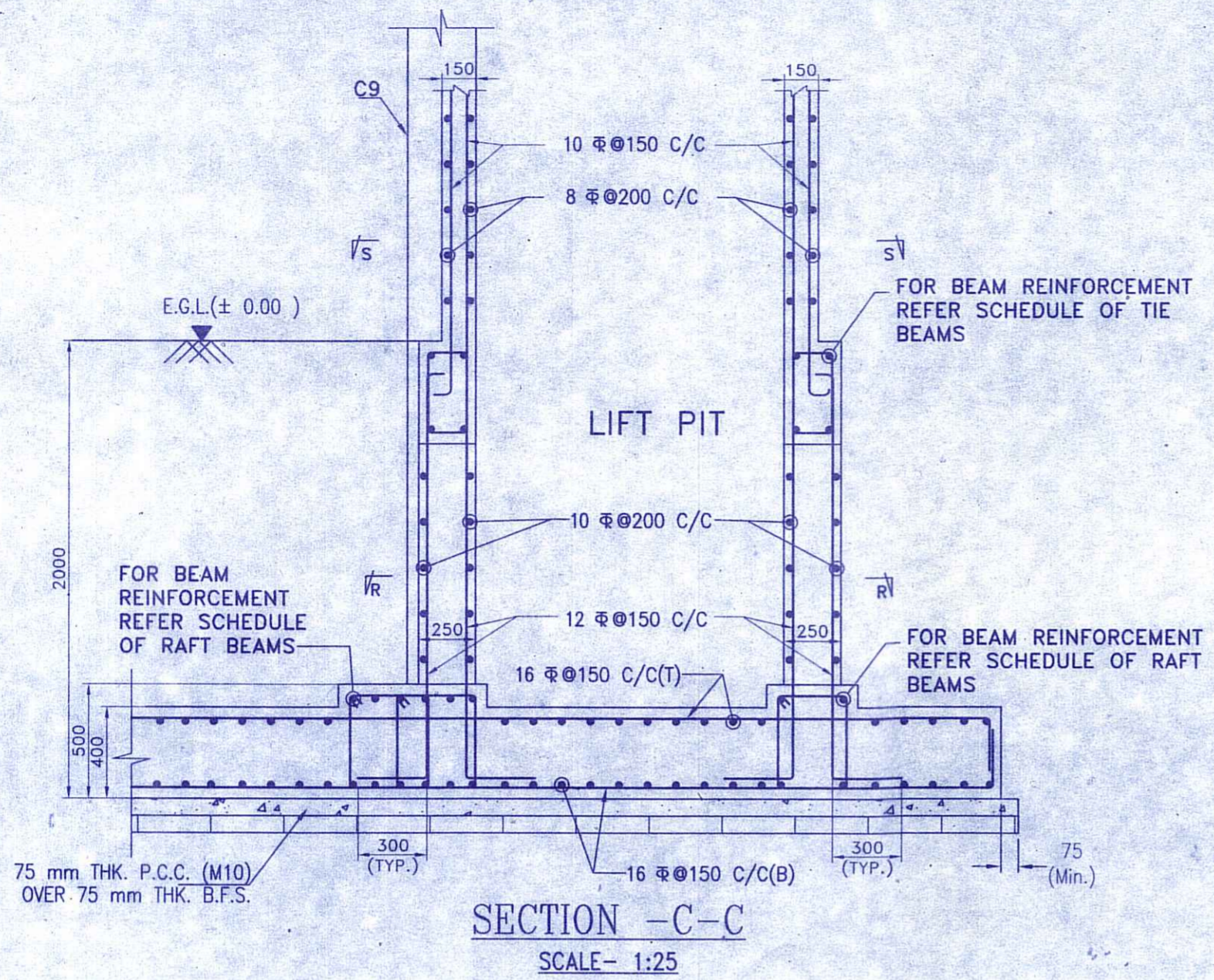
SIGNATURE OF LAND OWNER/S

Approved vide memo no. DE/PS/BRP/236
Dt-06/02/2020 of District Engineer, Paschim
Bardhaman zilla parishad.
APPROVED
SIGNATURE OF OWNER
DRAWING TITLE

DETAIL OF RAFT FOUNDATION & REINFORCEMENT DETAILS.

SCALE-1:100 OR AS SHOWN
DATE- 04.08.2019

SHEET NO. -2 OF 4



SCHEDULE OF RAFT BEAMS							
BEAM MARKED	BEAM SIZE		TOP REINFORCEMENT		BOTTOM REINFORCEMENT		STIRRUPS
	WIDTH (W) (mm)	DEPTH (D) (mm)	ALTHROUGH (a)	EXTRA AT SPAN (b)	ALTHROUGH (c)	EXTRA AT SUPPORT (e)	
RFB1	850	500	8-16 #	-	8-20 #	8-16 #	4L-10 #150 C/C
RFB2	650	500	6-16 #	-	6-20 #	-	4L-10 #150 C/C
RFB3	400	500	4-16 #	-	4-20 #	-	2L-10 #200 C/C

SCHEDULE OF RAFT SLAB					
SLAB MKD	SLAB THICKNESS (mm)	REINFORCEMENT ALONG SHORTER DIRECTION		REINFORCEMENT ALONG LONGER DIRECTION	
		BOTTOM	TOP	BOTTOM	TOP
RS1	400	16# 150 C/C	16# 150 C/C	16# 150 C/C	16# 150 C/C

